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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Complete if Known

Application Number	10/655,339
Filing Date	09/04/2003
First Named Inventor	Lynn W. Schultz
Group Art Unit	
Examiner Name	
Attorney Docket Number	7007-CON

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,987,562	10/28/1978	Deen, et al.	
		US-4,304,057	12/08/1981	Watson, et al.	
		US-4,619,080	10/28/1986	Knowlton	
		US-4,858,519	04/21/1987	Quenzi	
		US-4,747,612	05/31/1988	Kuhn	
		US-4,962,599	10/16/1990	Harris	
		US-4,976,053	12/11/1990	Caley	
		US-5,038,608	08/08/1991	Ciula	
		US-5,050,321	09/24/1991	Evans	
		US-5,075,988	12/31/1991	Ciula	
		US-5,082,065	01/21/1992	Fletcher	
		US-5,111,603	05/12/1992	Knowlton, et al.	
		US-5,193,296	03/16/1993	Reilly	
		US-5,353,530	10/11/1994	Pieper	
		US-5,568,694	10/29/1996	Capra, et al.	
		US-5,647,153	07/15/1997	Gervais	
		US-RE 35,700	12/30/1997	Watson, et al.	
		US-5,706,591	01/13/1998	Wissmiller	
		US-5,806,213	09/15/1998	Domek, et al.	
		US-5,806,214	09/15/1998	Behrens, et al.	
		US-5,815,956	10/06/1998	Lavin, et al.	
		US-5,870,839	02/16/1999	Wissmiller	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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Date Considered

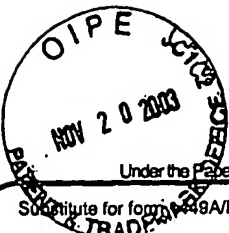
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³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet 2 of 3	Attorney Docket Number	7007-CON	

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		Number - Kind Code ² (if known)			
2		US-6,012,240	01/11/2000	Klug, et al.	
		US-6,050,008	04/18/2000	Doomek, et al.	
		US- 6,074,120	08/13/2000	Williams	
		US-6,145,222	11/14/2000	Curtis	
		US-6,151,808	11/28/2000	Curtis	
		US-6,170,178	01/09/2001	Christy	
		US-6,178,669	01/30/2001	Quenzi, et al.	
		US-6,209,231	04/03/2001	Curtis	
		US- 6,219,843	04/24/2001	Kitchell	
		US-6,240,659	06/05/2001	Curtis, et al.	
		US-6,278,075	08/21/2001	Kost, et al.	
		US-6,278,076	08/21/2001	Quenzi, et al.	
		US- 6,354,024	03/12/2002	Kost, et al.	
		US- 6,363,629	04/02/2002	Curtis	
		US- 6,381,880	05/07/2002	Curtis	
		US- 6,393,737	05/28/2002	Quenzi, et al.	
		US- 6,408,546	06/25/2002	Curtis	
		US-6,618,965	09/16/2003	Schultz et al.	

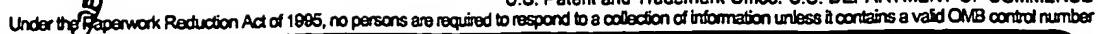
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Complete If Known

Application Number	10/655,339
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Filing Date	09/04/2003
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First Named Inventor	Lynn W. Schultz
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Group Art Unit

Examiner Name

Attorney Docket Number	7007-CON
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**Examiner
Signature**

Date Considered

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**SUPPLEMENTAL
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STATEMENT BY APPLICANT**

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Sheet 1

of

2

Complete if Known

Application Number	10/655,339
Filing Date	09/04/2003
First Named Inventor	Lynn W. Schultz
Group Art Unit	3671
Examiner Name	
Attorney Docket Number	7007-CON

U.S. PATENT DOCUMENTS

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		Number - Kind Code ² (if known)			
		US-2,061,585	11/1936	Meyer	
		US-2,622,349	12/1952	Kinnan	
		US-2,936,537	05/1960	Bain	
		US-3,014,289	12/1961	Torrey	
		US-3,126,652	03/1964	Reissinger	
		US-3,250,028	05/1966	Jocher et al.	
		US-3,466,766	09/1969	Kahlbacher	
		US-3,650,054	03/1972	Hanson	
		US-3,775,877	12/1973	Gove, Sr.	
		US-3,845,577	11/1974	Naymik	
		US-4,096,652	08/1978	Raines et al.	
		US-4,236,329	12/1980	Hetrick	
		US-4,259,794	04/1981	Rath	
		US-4,307,523	12/1981	Reissinger et al.	
		US-4,709,492	12/1987	Watson	
		US-4,723,609	02/1988	Curtis	
		US-4,794,710	01/1989	Haring	
		US-5,044,098	09/1991	Berghefer	
		US-5,109,618	05/1992	Grubler et al.	
		US-5,140,763	08/1992	Nichols, IV	
		US-5,191,729	03/1993	Verseef	
		US-5,285,588	02/1994	Niemela et al.	
		US-5,392,538	02/1995	Geerlign et al.	
		US-5,497,569	03/1996	Byman	

FOREIGN PATENT DOCUMENTS

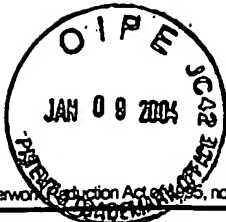
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PTO/SB/088(10-01)

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Sheet 2

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		Number - Kind Code ² (if known)			
2		US-5,603,172	02/1997	Maher	
		US-5,611,157	03/1997	Ferreira	
		US-5,638,617	06/1997	Belanger et al.	
		US-5,655,318	08/1997	Daniels	
		US-5,697,172	12/1997	Verseef	
		US-5,715,613	02/1998	Ebert	
		US-5,815,956	10/1998	Lavin et al.	
		US-5,819,443	10/1998	Winter	
		US-5,829,174	11/1998	Hadler et al.	
		US-5,894,688	04/1999	Struck et al.	
		US-5,921,010	07/1999	Schulte et al.	
		US-5,930,922	08/1999	Altheide	
		US-5,950,336	09/1999	Liebl	
		US-5,960,569	10/1999	Molstad	
		US-6,044,579	04/2000	Hadler et al.	
		US-6,073,371	06/2000	Goos et al.	
		US-6,134,813	10/2000	Vickers	
		US-6,154,986	12/2000	Hadler et al.	
		US-6,256,910	07/2001	Grozde	
		US-6,408,547	06/2002	Jones et al.	
		US-6,526,877	03/2003	Bloxdorf	
2		US-6,594,923	07/2003	Kost et al.	
		US-6,594,924	07/2003	Curtis	
		US-6,615,513	09/2003	Quenzi et al.	
		US-6,618,964	09/2003	Kost et al.	

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